



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 Congress Street, Suite 1100
BOSTON, MA 02114-2023

Memorandum

Date: February 27, 2009

Subject: Notes for AO No. 09-015 File Concerning the Case Conclusion
Data Sheet ("CCDS") Reporting
Newport, NH0100200

From: Joy Hilton, Engineer

AO No. 09-015 requires the Town of Newport, NH to build upgrades necessary to comply with its 2007 NPDES Permit limits (Total Phosphorus, in particular). The AO requires Newport's WWTF upgrade to achieve compliance with the 2007 NPDES by October 31, 2012. There is no information on preliminary design or projected costs of the upgrade at this time. The AO requires Newport to submit this information by December 31, 2009 in the WWTF upgrade facilities plan.

AO No. 09-015 CCDS pollutant reduction calculations (using July 2007-December 2008 DMR data for Total Phosphorus) are in the attached table. Equations are shown below.

Average Daily WWTF Flow = 0.65 MGD
(Ref. "Fact Sheet for the NPDES Permit")

$\text{Loading (Lbs/Day)} = \text{Exceeded Concentration (mg/l)} \times \text{Flow (MGD)} \times 8.34$

$\text{Pollutant Reduction (Lbs)} = \text{Loading (Lbs/Day)} \times [(7/12)(\text{Days/Year})] \times 1 \text{ Year}$
 $= \text{Lbs (April-October)}$

OR

$\text{Pollutant Reduction (Lbs)} = \text{Loading (Lbs/Day)} \times [(5/12)(\text{Days/Year})] \times 1 \text{ Year}$
 $= \text{Lbs (November-March)}$

